

Name: _____

Date: _____

FOIL and Factor solution (version 106)

FOIL the expressions shown below:

1. $(x + 5)(x - 5)$

$$x^2 - 25$$

2. $(x - 6)(x - 5)$

$$x^2 - 11x + 30$$

3. $(x - 4)(x - 4)$

$$x^2 - 8x + 16$$

4. $(x - 1)(x + 9)$

$$x^2 + 8x - 9$$

5. $(x + 5)(x - 8)$

$$x^2 - 3x - 40$$

Factor the expressions shown below:

6. $x^2 - 10x + 9$

$$(x - 1)(x - 9)$$

7. $x^2 + 11x + 28$

$$(x + 7)(x + 4)$$

8. $x^2 + 18x + 81$

$$(x + 9)(x + 9)$$

9. $x^2 + 5x - 14$

$$(x + 7)(x - 2)$$

10. $x^2 + 3x - 18$

$$(x - 3)(x + 6)$$